```
mysql> show databases;
+--------------------+
| Database           |
+--------------------+
| food_stall         |
| information_schema |
| mysql              |
| nit                |
| performance_schema |
| student_db         |
| sys                |
+--------------------+
7 rows in set (0.00 sec)

mysql> use nit;
Database changed
mysql> select*from student;
+---------+----+---------+-------+
| name    | id | address | marks |
+---------+----+---------+-------+
| prakash | 12 | hyd     |    78 |
| cathy   | 17 | delhi   |    90 |
| kodi    | 40 | bng     |    66 |
| alex    | 45 | channai |    79 |
| dolly   | 48 | pune    |    67 |
| chancy  | 78 | mumbai  |    34 |
+---------+----+---------+-------+
6 rows in set (0.00 sec)

mysql> select 20+30;
+-------+
| 20+30 |
+-------+
|    50 |
+-------+
1 row in set (0.00 sec)

mysql> select 20-30;
+-------+
| 20-30 |
+-------+
|   -10 |
+-------+
1 row in set (0.00 sec)

mysql> select 20*30;
+-------+
| 20*30 |
+-------+
|   600 |
```

```
+-------+
1 row in set (0.00 sec)

mysql> select 20/30;
+--------+
| 20/30  |
+--------+
| 0.6667 |
+--------+
1 row in set (0.00 sec)

mysql> select 20/5;
+--------+
| 20/5   |
+--------+
| 4.0000 |
+--------+
1 row in set (0.00 sec)

mysql> select 12%5;
+------+
| 12%5 |
+------+
|    2 |
+------+
1 row in set (0.00 sec)

mysql> select 20%5;
+------+
| 20%5 |
+------+
|    0 |
+------+
1 row in set (0.00 sec)

mysql> DROP TABLE customers;
Query OK, 0 rows affected (0.05 sec)

mysql> CREATE TABLE customers(
    ->     ID int,
    ->     NAME varchar(30),
    ->     AGE int,
    ->     ADDRESS varchar(50),
    ->     SALARY int
    -> );
Query OK, 0 rows affected (0.02 sec)

mysql> desc customers;
+---------+-------------+------+-----+---------+-------+
| Field   | Type        | Null | Key | Default | Extra |
```

```
+---------+-------------+------+-----+---------+-------+
| ID      | int         | YES  |     | NULL    |       |
| NAME    | varchar(30) | YES  |     | NULL    |       |
| AGE     | int         | YES  |     | NULL    |       |
| ADDRESS | varchar(50) | YES  |     | NULL    |       |
| SALARY  | int         | YES  |     | NULL    |       |
+---------+-------------+------+-----+---------+-------+
5 rows in set (0.00 sec)

mysql> insert into
customers(ID,NAME,AGE,ADDRESS,SALARY)values(1,'Santosh',22,'Hydrabad',20000);
Query OK, 1 row affected (0.02 sec)

mysql> insert into customers
    -> values(2,'Anudhan',20,'Chandrapur',15000),
    -> (3,'Khushant',21,'Nagpur',25000),
    -> (4,'Harsh',23,'Chennai',12000),(5,'Mayur',24,'Banglore',16000),
    -> (6,'Adhan',25,'Chandigarh',150000),(7,'Akash',26,'Zharkhand',75000);
Query OK, 6 rows affected (0.01 sec)
Records: 6  Duplicates: 0  Warnings: 0

mysql> select*from customers;
+------+----------+------+------------+--------+
| ID   | NAME     | AGE  | ADDRESS    | SALARY |
+------+----------+------+------------+--------+
|    1 | Santosh  |   22 | Hydrabad   |  20000 |
|    2 | Anudhan  |   20 | Chandrapur |  15000 |
|    3 | Khushant |   21 | Nagpur     |  25000 |
|    4 | Harsh    |   23 | Chennai    |  12000 |
|    5 | Mayur    |   24 | Banglore   |  16000 |
|    6 | Adhan    |   25 | Chandigarh | 150000 |
|    7 | Akash    |   26 | Zharkhand  |  75000 |
+------+----------+------+------------+--------+
7 rows in set (0.00 sec)

mysql> select*from customers where salary>5000;
+------+----------+------+------------+--------+
| ID   | NAME     | AGE  | ADDRESS    | SALARY |
+------+----------+------+------------+--------+
|    1 | Santosh  |   22 | Hydrabad   |  20000 |
|    2 | Anudhan  |   20 | Chandrapur |  15000 |
|    3 | Khushant |   21 | Nagpur     |  25000 |
|    4 | Harsh    |   23 | Chennai    |  12000 |
|    5 | Mayur    |   24 | Banglore   |  16000 |
|    6 | Adhan    |   25 | Chandigarh | 150000 |
|    7 | Akash    |   26 | Zharkhand  |  75000 |
+------+----------+------+------------+--------+
7 rows in set (0.01 sec)

mysql> select*from customers where salary=20000;
```

```
+------+----------+------+----------+--------+
| ID   | NAME     | AGE  | ADDRESS  | SALARY |
+------+----------+------+----------+--------+
|    1 | Santosh  |   22 | Hydrabad |  20000 |
+------+----------+------+----------+--------+
1 row in set (0.00 sec)

mysql> select*from customers where salary !=20000;
+------+----------+------+------------+--------+
| ID   | NAME     | AGE  | ADDRESS    | SALARY |
+------+----------+------+------------+--------+
|    2 | Anudhan  |   20 | Chandrapur |  15000 |
|    3 | Khushant |   21 | Nagpur     |  25000 |
|    4 | Harsh    |   23 | Chennai    |  12000 |
|    5 | Mayur    |   24 | Banglore   |  16000 |
|    6 | Adhan    |   25 | Chandigarh | 150000 |
|    7 | Akash    |   26 | Zharkhand  |  75000 |
+------+----------+------+------------+--------+
6 rows in set (0.00 sec)

mysql> select*from customers where salary<> 20000;
+------+----------+------+------------+--------+
| ID   | NAME     | AGE  | ADDRESS    | SALARY |
+------+----------+------+------------+--------+
|    2 | Anudhan  |   20 | Chandrapur |  15000 |
|    3 | Khushant |   21 | Nagpur     |  25000 |
|    4 | Harsh    |   23 | Chennai    |  12000 |
|    5 | Mayur    |   24 | Banglore   |  16000 |
|    6 | Adhan    |   25 | Chandigarh | 150000 |
|    7 | Akash    |   26 | Zharkhand  |  75000 |
+------+----------+------+------------+--------+
6 rows in set (0.00 sec)

mysql> select*from customers where salary<=6500;
Empty set (0.00 sec)

mysql> select*from customers where salary>=6500;
+------+----------+------+------------+--------+
| ID   | NAME     | AGE  | ADDRESS    | SALARY |
+------+----------+------+------------+--------+
|    1 | Santosh  |   22 | Hydrabad   |  20000 |
|    2 | Anudhan  |   20 | Chandrapur |  15000 |
|    3 | Khushant |   21 | Nagpur     |  25000 |
|    4 | Harsh    |   23 | Chennai    |  12000 |
|    5 | Mayur    |   24 | Banglore   |  16000 |
|    6 | Adhan    |   25 | Chandigarh | 150000 |
|    7 | Akash    |   26 | Zharkhand  |  75000 |
+------+----------+------+------------+--------+
7 rows in set (0.00 sec)
```

```
mysql> select*from customers;
+------+----------+------+------------+--------+
| ID   | NAME     | AGE  | ADDRESS    | SALARY |
+------+----------+------+------------+--------+
|    1 | Santosh  |   22 | Hydrabad   |  20000 |
|    2 | Anudhan  |   20 | Chandrapur |  15000 |
|    3 | Khushant |   21 | Nagpur     |  25000 |
|    4 | Harsh    |   23 | Chennai    |  12000 |
|    5 | Mayur    |   24 | Banglore   |  16000 |
|    6 | Adhan    |   25 | Chandigarh | 150000 |
|    7 | Akash    |   26 | Zharkhand  |  75000 |
+------+----------+------+------------+--------+
7 rows in set (0.00 sec)

mysql> select*from customers where age>=25 or salary>=6500;
+------+----------+------+------------+--------+
| ID   | NAME     | AGE  | ADDRESS    | SALARY |
+------+----------+------+------------+--------+
|    1 | Santosh  |   22 | Hydrabad   |  20000 |
|    2 | Anudhan  |   20 | Chandrapur |  15000 |
|    3 | Khushant |   21 | Nagpur     |  25000 |
|    4 | Harsh    |   23 | Chennai    |  12000 |
|    5 | Mayur    |   24 | Banglore   |  16000 |
|    6 | Adhan    |   25 | Chandigarh | 150000 |
|    7 | Akash    |   26 | Zharkhand  |  75000 |
+------+----------+------+------------+--------+
7 rows in set (0.00 sec)

mysql> select*from customers where age>=25 or salary>=11500;
+------+----------+------+------------+--------+
| ID   | NAME     | AGE  | ADDRESS    | SALARY |
+------+----------+------+------------+--------+
|    1 | Santosh  |   22 | Hydrabad   |  20000 |
|    2 | Anudhan  |   20 | Chandrapur |  15000 |
|    3 | Khushant |   21 | Nagpur     |  25000 |
|    4 | Harsh    |   23 | Chennai    |  12000 |
|    5 | Mayur    |   24 | Banglore   |  16000 |
|    6 | Adhan    |   25 | Chandigarh | 150000 |
|    7 | Akash    |   26 | Zharkhand  |  75000 |
+------+----------+------+------------+--------+
7 rows in set (0.00 sec)

mysql> select*from customers where age>=25 or salary<=11500;
+------+-------+------+------------+--------+
| ID   | NAME  | AGE  | ADDRESS    | SALARY |
+------+-------+------+------------+--------+
|    6 | Adhan |   25 | Chandigarh | 150000 |
|    7 | Akash |   26 | Zharkhand  |  75000 |
+------+-------+------+------------+--------+
2 rows in set (0.00 sec)
```

```
mysql> select*from customers where age is not null;
+------+----------+------+------------+--------+
| ID   | NAME     | AGE  | ADDRESS    | SALARY |
+------+----------+------+------------+--------+
|    1 | Santosh  |   22 | Hydrabad   |  20000 |
|    2 | Anudhan  |   20 | Chandrapur |  15000 |
|    3 | Khushant |   21 | Nagpur     |  25000 |
|    4 | Harsh    |   23 | Chennai    |  12000 |
|    5 | Mayur    |   24 | Banglore   |  16000 |
|    6 | Adhan    |   25 | Chandigarh | 150000 |
|    7 | Akash    |   26 | Zharkhand  |  75000 |
+------+----------+------+------------+--------+
7 rows in set (0.00 sec)

mysql> select*from customers where name like 'san%';
+------+----------+------+----------+--------+
| ID   | NAME     | AGE  | ADDRESS  | SALARY |
+------+----------+------+----------+--------+
|    1 | Santosh  |   22 | Hydrabad |  20000 |
+------+----------+------+----------+--------+
1 row in set (0.01 sec)

mysql> select*from customers where name like 'a%';
+------+----------+------+------------+--------+
| ID   | NAME     | AGE  | ADDRESS    | SALARY |
+------+----------+------+------------+--------+
|    2 | Anudhan  |   20 | Chandrapur |  15000 |
|    6 | Adhan    |   25 | Chandigarh | 150000 |
|    7 | Akash    |   26 | Zharkhand  |  75000 |
+------+----------+------+------------+--------+
3 rows in set (0.00 sec)


mysql> select*from customers where name like 'H%';
+------+-------+------+---------+--------+
| ID   | NAME  | AGE  | ADDRESS | SALARY |
+------+-------+------+---------+--------+
|    4 | Harsh |   23 | Chennai |  12000 |
+------+-------+------+---------+--------+
1 row in set (0.00 sec)

mysql> select*from customers where age in (20,24);
+------+----------+------+------------+--------+
| ID   | NAME     | AGE  | ADDRESS    | SALARY |
+------+----------+------+------------+--------+
|    2 | Anudhan  |   20 | Chandrapur |  15000 |
|    5 | Mayur    |   24 | Banglore   |  16000 |
+------+----------+------+------------+--------+
2 rows in set (0.00 sec)
```

```
mysql> select*from customers where age between 20 and 24;
+------+-----------+------+------------+--------+
| ID   | NAME      | AGE  | ADDRESS    | SALARY |
+------+-----------+------+------------+--------+
|    1 | Santosh   |   22 | Hydrabad   |  20000 |
|    2 | Anudhan   |   20 | Chandrapur |  15000 |
|    3 | Khushant  |   21 | Nagpur     |  25000 |
|    4 | Harsh     |   23 | Chennai    |  12000 |
|    5 | Mayur     |   24 | Banglore   |  16000 |
+------+-----------+------+------------+--------+
5 rows in set (0.01 sec)

mysql> select age from customers where exists(select age from customers where
salary > 6500);
+------+
| age  |
+------+
|   22 |
|   20 |
|   21 |
|   23 |
|   24 |
|   25 |
|   26 |
+------+
7 rows in set (0.01 sec)


mysql> select age from customers where exists(select age from customers where
salary > 10000);
+------+
| age  |
+------+
|   22 |
|   20 |
|   21 |
|   23 |
|   24 |
|   25 |
|   26 |
+------+
7 rows in set (0.00 sec)

mysql> select age from customers where exists(select age from customers where
salary < 15000);
+------+
| age  |
+------+
|   22 |
```

```
|   20  |
|   21  |
|   23  |
|   24  |
|   25  |
|   26  |
+------+
7 rows in set (0.00 sec)


mysql> select *from customers where age>all (select age from customers where
salary<6500);
+------+----------+------+------------+--------+
| ID   | NAME     | AGE  | ADDRESS    | SALARY |
+------+----------+------+------------+--------+
|    1 | Santosh  |   22 | Hydrabad   |  20000 |
|    2 | Anudhan  |   20 | Chandrapur |  15000 |
|    3 | Khushant |   21 | Nagpur     |  25000 |
|    4 | Harsh    |   23 | Chennai    |  12000 |
|    5 | Mayur    |   24 | Banglore   |  16000 |
|    6 | Adhan    |   25 | Chandigarh | 150000 |
|    7 | Akash    |   26 | Zharkhand  |  75000 |
+------+----------+------+------------+--------+
7 rows in set (0.00 sec)

mysql> select*from customers;
+------+----------+------+------------+--------+
| ID   | NAME     | AGE  | ADDRESS    | SALARY |
+------+----------+------+------------+--------+
|    1 | Santosh  |   22 | Hydrabad   |  20000 |
|    2 | Anudhan  |   20 | Chandrapur |  15000 |
|    3 | Khushant |   21 | Nagpur     |  25000 |
|    4 | Harsh    |   23 | Chennai    |  12000 |
|    5 | Mayur    |   24 | Banglore   |  16000 |
|    6 | Adhan    |   25 | Chandigarh | 150000 |
|    7 | Akash    |   26 | Zharkhand  |  75000 |
+------+----------+------+------------+--------+
7 rows in set (0.00 sec)

mysql> select*from customers where salary=12000;
+------+-------+------+---------+--------+
| ID   | NAME  | AGE  | ADDRESS | SALARY |
+------+-------+------+---------+--------+
|    4 | Harsh |   23 | Chennai |  12000 |
+------+-------+------+---------+--------+
1 row in set (0.00 sec)

mysql> select*from customers where salary=150000;
+------+-------+------+-----------+--------+
| ID   | NAME  | AGE  | ADDRESS   | SALARY |
```

```
+------+-------+------+------------+--------+
|    6 | Adhan |   25 | Chandigarh | 150000 |
+------+-------+------+------------+--------+
1 row in set (0.00 sec)

mysql> select current_timestamp;
+---------------------+
| current_timestamp   |
+---------------------+
| 2025-11-15 15:26:16 |
+---------------------+
1 row in set (0.01 sec)

mysql> show databases;
+--------------------+
| Database           |
+--------------------+
| food_stall         |
| information_schema |
| mysql              |
| nit                |
| performance_schema |
| student_db         |
| sys                |
+--------------------+
7 rows in set (0.00 sec)

mysql> create table salary as select id ,salary from customers;
Query OK, 7 rows affected (0.04 sec)
Records: 7  Duplicates: 0  Warnings: 0

mysql> update customers set address='Hydrabad' where id=6;
Query OK, 1 row affected (0.01 sec)
Rows matched: 1  Changed: 1  Warnings: 0

mysql> desc customers;
+---------+-------------+------+-----+---------+-------+
| Field   | Type        | Null | Key | Default | Extra |
+---------+-------------+------+-----+---------+-------+
| ID      | int         | YES  |     | NULL    |       |
| NAME    | varchar(30) | YES  |     | NULL    |       |
| AGE     | int         | YES  |     | NULL    |       |
| ADDRESS | varchar(50) | YES  |     | NULL    |       |
| SALARY  | int         | YES  |     | NULL    |       |
+---------+-------------+------+-----+---------+-------+
5 rows in set (0.01 sec)

mysql> select*from customers;
+------+----------+------+------------+--------+
| ID   | NAME     | AGE  | ADDRESS    | SALARY |
```

```
+------+----------+------+------------+--------+
|    1 | Santosh  |   22 | Hydrabad   |  20000 |
|    2 | Anudhan  |   20 | Chandrapur |  15000 |
|    3 | Khushant |   21 | Nagpur     |  25000 |
|    4 | Harsh    |   23 | Chennai    |  12000 |
|    5 | Mayur    |   24 | Banglore   |  16000 |
|    6 | Adhan    |   25 | Hydrabad   | 150000 |
|    7 | Akash    |   26 | Zharkhand  |  75000 |
+------+----------+------+------------+--------+
7 rows in set (0.00 sec)

mysql> update customers set address='Hydrabad',salary=27000;
Query OK, 7 rows affected (0.01 sec)
Rows matched: 7  Changed: 7  Warnings: 0

mysql> select*from customers;
+------+----------+------+----------+--------+
| ID   | NAME     | AGE  | ADDRESS  | SALARY |
+------+----------+------+----------+--------+
|    1 | Santosh  |   22 | Hydrabad |  27000 |
|    2 | Anudhan  |   20 | Hydrabad |  27000 |
|    3 | Khushant |   21 | Hydrabad |  27000 |
|    4 | Harsh    |   23 | Hydrabad |  27000 |
|    5 | Mayur    |   24 | Hydrabad |  27000 |
|    6 | Adhan    |   25 | Hydrabad |  27000 |
|    7 | Akash    |   26 | Hydrabad |  27000 |
+------+----------+------+----------+--------+
7 rows in set (0.00 sec)

mysql> update customers set address='Hydrabad' where salary=28000;
Query OK, 0 rows affected (0.00 sec)
Rows matched: 0  Changed: 0  Warnings: 0

mysql> select*from customers;
+------+----------+------+----------+--------+
| ID   | NAME     | AGE  | ADDRESS  | SALARY |
+------+----------+------+----------+--------+
|    1 | Santosh  |   22 | Hydrabad |  27000 |
|    2 | Anudhan  |   20 | Hydrabad |  27000 |
|    3 | Khushant |   21 | Hydrabad |  27000 |
|    4 | Harsh    |   23 | Hydrabad |  27000 |
|    5 | Mayur    |   24 | Hydrabad |  27000 |
|    6 | Adhan    |   25 | Hydrabad |  27000 |
|    7 | Akash    |   26 | Hydrabad |  27000 |
+------+----------+------+----------+--------+
7 rows in set (0.00 sec)

mysql> select (15+6) As Addition;
+----------+
| Addition |
```

```
+----------+
|       21 |
+----------+
1 row in set (0.00 sec)

mysql> SELECT COUNT(*) AS "RECORDS" FROM CUSTOMERS;
+---------+
| RECORDS |
+---------+
|       7 |
+---------+
1 row in set (0.01 sec)

mysql> SELECT GETDATE();;
ERROR 1305 (42000): FUNCTION nit.GETDATE does not exist
ERROR:
No query specified

mysql> select current_date;
+--------------+
| current_date |
+--------------+
| 2025-11-15   |
+--------------+
1 row in set (0.01 sec)

mysql> CREATE DATABASE testDB;
Query OK, 1 row affected (0.02 sec)

mysql> show databases;
+--------------------+
| Database           |
+--------------------+
| food_stall         |
| information_schema |
| mysql              |
| nit                |
| performance_schema |
| student_db         |
| sys                |
| testdb             |
+--------------------+
8 rows in set (0.00 sec)

mysql> use testdb;
Database changed
mysql> drop database testdb;
Query OK, 0 rows affected (0.02 sec)

mysql> show databases;
```

```
+--------------------+
| Database           |
+--------------------+
| food_stall         |
| information_schema |
| mysql              |
| nit                |
| performance_schema |
| student_db         |
| sys                |
+--------------------+
7 rows in set (0.00 sec)
```